

ABSTRACT OF THE DISCLOSURE

A hot water recirculation system includes a source of hot water, a fixture, a fluid circuit, a fluid pump, and an electrical circuit sensor. The fixture is remote from the source of hot water and is configured to dispense hot water. The fluid circuit extends from the source to the fixture for delivering hot water to the fixture. The fluid circuit returns to the source for recirculating hot water in the fluid circuit back to the source for reheating. The fluid pump is configured for recirculating hot water through the fluid circuit. The electrical circuit sensor is configured to detect operation of an electrical circuit proximate the fixture and associated with a user operating the fixture. The electrical circuit sensor is further configured to initiate operation of the fluid pump responsive to detected operation of the electrical circuit to initiate hot water recirculation. A method is also provided.